



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

WASHINGTON, D.C. 20546

Marshall

REPLY TO
ATTN OF: GP

NOV 29 1973

TO: KSI/Scientific & Technical Information Division
Attention: Miss Winnie M. Morgan

FROM: GP/Office of Assistant General Counsel for
Patent Matters

SUBJECT: Announcement of NASA-Owned U.S. Patents in STAR

In accordance with the procedures agreed upon by Code GP and Code KSI, the attached NASA-owned U.S. Patent is being forwarded for abstracting and announcement in NASA STAR.

The following information is provided:

U.S. Patent No. : D 228,688
Government or Corporate Employee : Lockheed - California Co.
Lockheed Aircraft Corp.
Foothill, CA
Supplementary Corporate Source (if applicable) :
NASA Patent Case No. : MFS-2263

NOTE - If this patent covers an invention made by a corporate employee of a NASA Contractor, the following is applicable:

Yes No

Pursuant to Section 305(a) of the National Aeronautics and Space Act, the name of the Administrator of NASA appears on the first page of the patent; however, the name of the actual inventor (author) appears at the heading of column No. 1 of the Specification, following the words ". . . with respect to an invention of . . ."

Elizabeth A. Carter

Elizabeth A. Carter

Enclosure

Copy of Patent cited above

Eckert/Hangrene
Telecom 12-7-73

United States Patent Office

Des. 228,688

Patented Oct. 16, 1973

228,688

MULTI-STAGE AEROSPACE CRAFT

Hugh L. Dryden, Deputy Administrator of the National
Aeronautics and Space Administration, with respect to
an invention of Donald Lee Kelly, Sunland, Calif.

Filed Feb. 20, 1964, Ser. No. 78,766

Term of patent 14 years

Int. Cl. D12—07

U.S. Cl. D71—1

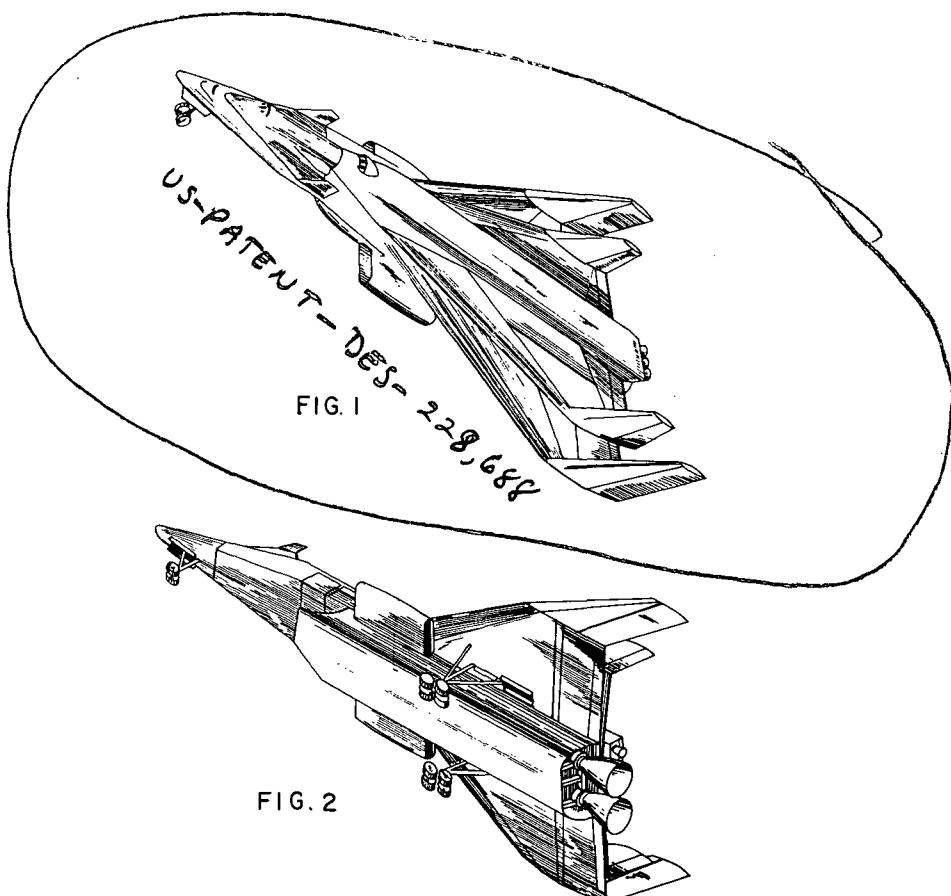


FIG. 1 is a perspective view of the multi-stage aerospace craft as it would appear when seen obliquely from above at the front; and

FIG. 2 is a perspective view of the multi-stage aerospace craft as it would appear when seen obliquely below at the rear.

What is claimed is:

The ornamental design for a multi-stage aerospace craft, substantially as shown.

References Cited

UNITED STATES PATENTS

2,921,756	1/1960	Borden et al.	-----	244—2
2,981,499	4/1961	Janney II	-----	244—2
2,998,208	8/1961	D. Perna	-----	244—2
3,070,326	12/1962	Griffith	-----	244—2

OTHER REFERENCES

Astronautics, January 1963, "Reusable Launch Systems," vol. 8, No. 1, pp. 51-56.

ROBERT F. STAHL, Primary Examiner

